



Event note

Gülzow, Germany, 27/08/2015



Bio-kerosene the only climate-neutral alternative for aviation in the medium-term

IEA Bioenergy Conference will discuss sustainable biomass potentials and the competitiveness of bio jet production, 27 – 29 Oct 2015

Fossil fuels are becoming scarce worldwide and pollute the atmosphere. In particular the rapidly growing aviation sector contributes significantly to the global emissions of greenhouse gases. While transport on road and water can increasingly rely on alternative propulsion systems such as electric mobility and gaseous fuels, aviation is dependent on the use of liquid fuels – biofuels are already tested in practice and will be the only viable alternative to environmentally harmful fossil fuels in the medium-term.

Although the aviation industry is continuously decreasing the consumption of fossil fuels and therefore the emission of climate active gases through more efficient turbines and other innovations in aircraft design, only sustainably produced alternative bio-based fuels can decisively contribute to the reduction of CO₂ emissions in this sector in the long-term – especially in light of the ambitious target of international aviation of halving the sector's CO₂ emissions by 2050 compared to 2005, despite an annual increase in passenger numbers of 5%.



The aviation industry is facing considerable challenges to achieve these objectives. The uncertainty concerning the sustainably available biomass potential but also the lack of competitiveness of sustainable bio-kerosene is currently hindering its deployment. Policy, research and industry are equally required to change this situation. International harmonization of fuel sustainability criteria as well as more efficient certification processes is, inter alia, necessary.

This year's IEA Bioenergy Conference 2015 comprehensively addresses the thematic field of bioenergy in a variety of presentations, panel discussions and workshops. A focus of the conference will be alternative, bio-based aviation fuels – from the sustainable cultivation of energy crops, to economic and political framework conditions. Thomas Rötger from the International Air Transport Association will address in his presentation the global development of the use of bio-kerosene. Michael Lakeman will outline developments at Boeing, and Maarten van Dijk representing the Dutch producer of bio-based aviation fuels skyNRG will examine the profitability of different production pathways.

In addition, the CORE-JetFuel strategy workshop "Policies and value chains for the large-scale deployment of alternative aviation fuels" is taking place in parallel to the conference on October 29th.

The renowned IEA Bioenergy Conference under the patronage of the German Federal Minister of Food and Agriculture Christian Schmidt takes place in Berlin on 27 – 29 October.

For more information about the conference program and registration visit <http://ieabioenergy2015.org/>. Information about the CORE-JetFuel Strategy Workshop is available on www.core-jetfuel.eu.

The banner features a collage of images: the Brandenburg Gate on the left, a bioenergy plant with large storage tanks in the center, and autumn trees on the right. Text is overlaid on colored bars.

IEA Bioenergy

Conference 2015

Realising the world's
sustainable bioenergy potential

Berlin | Germany | 27 - 29 October 2015

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Umsatzsteuer-Identifikationsnummer gemäß § 27 a Umsatzsteuergesetz: nicht umsatzsteuerpflichtig
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